

APPENDIX C

2002 On-Site Releases by Facility And Chemical

(in pounds)

FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES			TOTAL	OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND			
AGILENT TECHNOLOGIES LITTLE FALLS							
TOLUENE		1,422	0	0	1,422	29,280	0
	Facility Total	1,422	0	0	1,422	29,280	0
AGILENT TECHNOLOGIES NEWPORT							
METHANOL		854	0	0	854	9,348	0
	Facility Total	854	0	0	854	9,348	0
ALLENS HATCHERY							
COPPER COMPOUNDS	1	0	0	0	0	0	0
MANGANESE COMPOUNDS	1	0	0	0	0	0	0
ZINC COMPOUNDS	1	0	0	0	0	0	0
	Facility Total	0	0	0	0	0	0
AMERICAN MINERALS							
BARIUM		31	79	0	110	0	0
LEAD		4	1	0	5	0	0
MANGANESE COMPOUNDS		5,751	350	0	6,101	0	0
NICKEL COMPOUNDS		11	10	0	21	0	0
ZINC COMPOUNDS		22	15	0	37	0	0
	Facility Total	5,819	455	0	6,274	0	0
AMETEK							
LEAD		0	0	0	0	0	0
	Facility Total	0	0	0	0	0	0
ARLON							
XYLENE (MIXED ISOMERS)		1,500	0	0	1,500	5,215	117,604
	Facility Total	1,500	0	0	1,500	5,215	117,604
ASTROPOWER PENCADER							
HYDROGEN FLUORIDE		255	0	0	255	0	13,760
LEAD COMPOUNDS		3	0	0	3	115	0
	Facility Total	258	0	0	258	115	13,760

1. All values are in pounds

2. Source: DNREC 2002 Database 2/04

3. A "1" in the Form A column indicates Form A.
Form A does not report amounts.

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		(in pounds)					
FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES			TOTAL	OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND			
ASTROPOWER SOLAR PARK							
		255	0	0	255	0	35,810
		10	0	0	10	0	15,350
	Facility Total	265	0	0	265	0	51,160
AVECIA							
		11	0	0	11	21,109	0
		1	0	0	1	1,797	0
		0	0	0	0	772	0
		15	0	0	15	31,137	0
		89	0	0	89	184	87,563
		1,485	0	0	1,485	92,134	0
		48	0	0	48	843	0
	Facility Total	1,649	0	0	1,649	147,976	87,563
BIRDS EYE FOODS							
		560	0	0	560	0	0
	Facility Total	560	0	0	560	0	0
BLADES BULK PLANT							
		0	0	0	0	0	0
		0	0	0	0	0	0
		0	0	0	0	0	0
		0	0	0	0	0	0
		0	0	0	0	0	0
		0	0	0	0	0	0
		0	0	0	0	0	0
	Facility Total	0	0	0	0	0	0
CAMDEL METALS							
		0	0	0	0	20,717	0
		0	0	0	0	2,504	0
		0	0	0	0	13,290	0
		12,623	0	0	12,623	1,331	13,100,000
	Facility Total	12,623	0	0	12,623	37,842	13,100,000

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(in pounds)

FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES			TOTAL	OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND			
CARL KING							
1,2,4-TRIMETHYLBENZENE	1	0	0	0	0	0	0
BENZENE	1	0	0	0	0	0	0
CYCLOHEXANE	1	0	0	0	0	0	0
ETHYLBENZENE	1	0	0	0	0	0	0
METHYL TERT-BUTYL ETHER	1	0	0	0	0	0	0
N-HEXANE	1	0	0	0	0	0	0
TOLUENE	1	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	1	0	0	0	0	0	0
Facility Total		0	0	0	0	0	0
CHROME DEPOSIT							
LEAD		0	0	0	0	3,720	0
Facility Total		0	0	0	0	3,720	0
CIBA SPECIALTY CHEMICALS							
ANILINE		41	0	0	41	87,736	0
BIPHENYL		123	0	0	123	198,411	2,321
CYCLOHEXANE		83	0	0	83	7,331	5,090
LEAD COMPOUNDS		341	0	0	341	0	0
METHANOL		25,792	0	0	25,792	2,057,514	413,778
P-CHLOROANILINE		17	0	0	17	57,370	0
XYLENE (MIXED ISOMERS)		1,754	0	0	1,754	6,134	100
Facility Total		28,151	0	0	28,151	2,414,496	421,289
CITISTEEL							
CHROMIUM COMPOUNDS		118	2	53	173	32,947	0
COPPER COMPOUNDS		99	5	17	121	31,146	0
LEAD COMPOUNDS		524	3	30	557	253,638	0
MANGANESE COMPOUNDS		366	11	342	719	172,203	0
MERCURY COMPOUNDS		28	0	0	28	27	0
NICKEL COMPOUNDS		19	3	21	43	3,416	0
ZINC COMPOUNDS		2,774	16	113	2,903	1,907,249	0
Facility Total		3,928	40	576	4,544	2,400,626	0

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(in pounds)

FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES			TOTAL	OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND			
CLARIANT							
ZINC COMPOUNDS	1	0	0	0	0	0	0
Facility Total		0	0	0	0	0	0
CUSTOM DECORATIVE MOULDINGS							
DIISOCYANATES	1	0	0	0	0	0	0
Facility Total		0	0	0	0	0	0
D & B INDUSTRIAL GROUP							
METHYL ETHYL KETONE		26,224	0	0	26,224	11,745	0
Facility Total		26,224	0	0	26,224	11,745	0
DAIMLER CHRYSLER							
1,2,4-TRIMETHYLBENZENE		62,200	0	0	62,200	11,200	4,600
BENZENE	1	0	0	0	0	0	0
CERTAIN GLYCOL ETHERS		134,000	0	0	134,000	193,507	24,000
CYCLOHEXANE		533	0	0	533	0	0
ETHYLBENZENE		12,300	0	0	12,300	16,470	74
ETHYLENE GLYCOL		101	0	0	101	12,260	0
MANGANESE COMPOUNDS		0	0	0	0	4,590	0
METHANOL		1,180	0	0	1,180	380	0
METHYL ISOBUTYL KETONE		28,000	0	0	28,000	47,600	0
METHYL TERT-BUTYL ETHER		1,283	0	0	1,283	0	0
N-BUTYL ALCOHOL		51,200	0	0	51,200	4,300	6,900
N-HEXANE		533	0	0	533	0	0
NITRATE COMPOUNDS		0	0	0	0	29,018	0
NITRIC ACID		29	0	0	29	0	2,900
N-METHYL-2-PYRROLIDONE		37,000	0	0	37,000	722	4,200
SODIUM NITRITE		1,400	0	0	1,400	0	4,500
TOLUENE		4,200	0	0	4,200	130	0
XYLENE (MIXED ISOMERS)		37,500	0	0	37,500	48,060	360
ZINC COMPOUNDS		0	0	0	0	14,081	0
Facility Total		371,459	0	0	371,459	382,318	47,534

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(in pounds)

FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES			TOTAL	OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND			
DENTSPLY CAULK MAIN							
COPPER		0	0	0	0	0	0
LEAD COMPOUNDS		0	0	0	0	0	270
MERCURY		0	0	0	0	28,100	0
METHANOL		165	0	0	165	3,303	0
SILVER		0	0	0	0	4,917	0
Facility Total		165	0	0	165	36,320	270
DENTSPLY CAULK WEST							
METHANOL		250	0	0	250	10,275	0
METHYL METHACRYLATE		250	0	0	250	3,002	0
Facility Total		500	0	0	500	13,277	0
DOVER AFB							
NAPHTHALENE		1	0	0	1	0	0
Facility Total		1	0	0	1	0	0
DOW REICHHOLD							
1,3-BUTADIENE		16,599	0	0	16,599	0	1,159,617
ACRYLIC ACID		1,125	0	0	1,125	155	0
ACRYLONITRILE		3,587	0	0	3,587	151	501,672
BUTYL ACRYLATE		586	0	0	586	8	115
ETHYL ACRYLATE		499	0	0	499	0	617
FORMALDEHYDE		1,965	0	0	1,965	0	0
METHANOL		6	0	0	6	10	296
METHYL METHACRYLATE		1,941	0	0	1,941	55	719
N-METHYLOLACRYLAMIDE		268	0	0	268	0	0
STYRENE		4,561	0	0	4,561	657	136,990
VINYL ACETATE		2,373	0	0	2,373	8	10,755
Facility Total		33,510	0	0	33,510	1,044	1,810,781

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(in pounds)

FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES				OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND	TOTAL		
DUPONT EDGE MOOR							
BARIUM COMPOUNDS		2	656	0	658	27,753	0
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
CARBONYL SULFIDE		163,000	0	0	163,000	0	0
CHLORINE		1,360	0	0	1,360	0	2,908,000
CHROMIUM COMPOUNDS		1	63	0	64	224,024	0
COBALT COMPOUNDS		2	53	0	55	9,901	0
COPPER COMPOUNDS		1	317	0	318	3,629	0
DIOXIN AND DIOXIN-LIKE COMPOUNDS		0	0	0	0	153	0
HEXACHLOROBENZENE		0	53	0	53	2,747	0
HYDROCHLORIC ACID AEROSOLS		4,805	0	0	4,805	0	17,820,000
LEAD COMPOUNDS		1	43	0	44	51,222	0
MANGANESE COMPOUNDS		2	34,910	0	34,912	3,348,690	0
NICKEL COMPOUNDS		33	147	0	180	27,388	0
OCTACHLOROSTYRENE		0	0	0	0	470	0
PENTACHLOROBENZENE		0	16	0	16	824	0
PHOSGENE		806	0	0	806	0	48,000
POLYCHLORINATED BIPHENYLS (PCB)		0	0	0	0	39	0
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0
TITANIUM TETRACHLORIDE		28	0	0	28	0	1,670,000
TOLUENE		1,398	0	0	1,398	157	0
VANADIUM COMPOUNDS		13	783	0	796	56,373	0
ZINC COMPOUNDS		20	529	0	549	43,858	0
Facility Total		171,472	37,570	0	209,042	3,797,227	22,446,000
DUPONT SEAFORD							
ANTIMONY COMPOUNDS		14	0	0	14	0	0
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
BIPHENYL		4,700	0	0	4,700	7,000	0
CHROMIUM COMPOUNDS		3,576	0	0	3,576	0	0
DIOXIN AND DIOXIN-LIKE COMPOUNDS		0	0	0	0	0	0
HYDROCHLORIC ACID AEROSOLS		284,443	0	0	284,443	0	0
LEAD COMPOUNDS		53	0	2,018	2,071	0	0
MERCURY COMPOUNDS		117	0	102	219	0	0
NITRATE COMPOUNDS		0	145,100	0	145,100	7	0

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(in pounds)

FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES				OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND	TOTAL		
DUPONT SEAFORD, CONTINUED							
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0
SODIUM NITRITE		0	0	0	0	0	134,979
SULFURIC ACID AEROSOLS		76,726	0	0	76,726	0	0
ZINC COMPOUNDS		3,964	908	0	4,872	0	0
Facility Total		373,593	146,008	2,120	521,721	7,007	134,979
E-A-R							
DIISOCYANATES		2	0	0	2	920	0
TOLUENE DIISOCYANATE (MIXED ISOMERS)		4	0	0	4	2,750	0
Facility Total		6	0	0	6	3,670	0
EDGE MOOR/HAY ROAD POWER PLANTS							
AMMONIA		29,054	5	0	29,059	0	0
BARIUM COMPOUNDS		5,676	1,201	0	6,877	116,686	0
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
CHROMIUM COMPOUNDS		993	750	0	1,743	29,374	0
COBALT COMPOUNDS		857	0	0	857	24,334	0
COPPER COMPOUNDS		1,400	11,787	0	13,187	23,572	0
DIOXIN AND DIOXIN-LIKE COMPOUNDS		0	0	0	0	0	0
ETHYLENE GLYCOL	1	0	0	0	0	0	0
HYDROCHLORIC ACID AEROSOLS		1,718,743	0	0	1,718,743	0	0
HYDROGEN FLUORIDE		83,709	0	0	83,709	0	8,890
LEAD COMPOUNDS		1,148	637	0	1,784	10,299	0
MANGANESE COMPOUNDS		1,019	750	0	1,769	26,816	0
MERCURY COMPOUNDS		148	0	0	148	58	0
NICKEL COMPOUNDS		9,272	1,196	0	10,468	23,839	0
NITRATE COMPOUNDS	1	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOUNDS		42	0	0	42	0	0
SULFURIC ACID AEROSOLS		109,779	0	0	109,779	0	137,804
VANADIUM COMPOUNDS		1,912	0	0	1,912	53,091	0
Facility Total		1,963,752	16,326	0	1,980,078	308,070	146,694

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(in pounds)

FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES				OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND	TOTAL		
FORMOSA PLASTICS							
AMMONIA		7,903	0	0	7,903	0	0
DIOXIN AND DIOXIN-LIKE COMPOUNDS		0	0	0	0	0	0
VINYL ACETATE		115,180	0	0	115,180	0	0
VINYL CHLORIDE		103,319	0	0	103,319	0	167,000
Facility Total		226,402	0	0	226,402	0	167,000
GAC							
1,2,4-TRIMETHYLBENZENE	1	0	0	0	0	0	0
ANTHRACENE	1	0	0	0	0	0	0
ASBESTOS (FRIABLE)	1	0	0	0	0	0	0
PHENANTHRENE	1	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOUNDS		1	0	0	1	0	0
Facility Total		1	0	0	1	0	0
GENERAL CHEMICAL							
AMMONIA		500	1,068	0	1,568	2,183	0
HYDROGEN FLUORIDE		1,154	0	0	1,154	0	72,050
LEAD COMPOUNDS		42	0	0	42	1,709	0
SULFURIC ACID AEROSOLS		12,760	0	0	12,760	0	0
Facility Total		14,456	1,068	0	15,524	3,892	72,050
GENERAL MOTORS							
1,2,4-TRIMETHYLBENZENE		8,190	0	0	8,190	26,096	8,500
BENZENE		250	0	0	250	4	0
CERTAIN GLYCOL ETHERS		83,400	0	0	83,400	62,960	40,000
ETHYLBENZENE		127	0	0	127	9	460
ETHYLENE GLYCOL		0	0	0	0	880	0
METHANOL		11,200	0	0	11,200	26,017	1,500
METHYL TERT-BUTYL ETHER		754	0	0	754	43	0
N-BUTYL ALCOHOL		36,120	0	0	36,120	620	17,000
N-METHYL-2-PYRROLIDONE		19,300	0	0	19,300	15	200
POTASSIUM DIMETHYLDITHIOCARBAMATE		0	0	0	0	81	0
SODIUM NITRITE		0	0	0	0	14,230	0
TOLUENE		1,930	0	0	1,930	73	0
XYLENE (MIXED ISOMERS)		123,000	0	0	123,000	320,430	10,000
ZINC COMPOUNDS		330	200	0	530	10,150	0
Facility Total		284,601	200	0	284,801	461,608	77,660

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FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES			TOTAL	OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND			
GREEN TREE CHEMICAL							
1,1-DICHLORO-1-FLUOROETHANE		238	0	0	238	3,365	0
CERTAIN GLYCOL ETHERS		0	0	0	0	1,629	0
TOLUENE		86	0	0	86	2,793	0
TRICHLOROETHYLENE		25	0	0	25	1,956	0
Facility Total		349	0	0	349	9,743	0
HALKO MFG.							
ANTIMONY		0	0	0	0	0	0
LEAD		0	0	0	0	208,000	0
Facility Total		0	0	0	0	208,000	0
HANOVER FOODS							
AMMONIA		10,240	0	0	10,240	0	0
Facility Total		10,240	0	0	10,240	0	0
HARDCORE COMPOSITES							
STYRENE		463	0	0	463	0	0
Facility Total		463	0	0	463	0	0
HERCULES RESEARCH CENTER							
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0
Facility Total		0	0	0	0	0	0
HIRSH INDUSTRIES							
CERTAIN GLYCOL ETHERS		12,612	0	0	12,612	0	0
Facility Total		12,612	0	0	12,612	0	0

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(in pounds)

FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES				OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND	TOTAL		
HONEYWELL							
1,3-DICHLOROPROPYLENE		27	0	0	27	13,711	0
AMMONIA		5,160	0	0	5,160	2,895	0
BORON TRIFLUORIDE		215	0	0	215	13,780	0
CHLOROETHANE	1	0	0	0	0	0	0
N-HEXANE		7,050	0	0	7,050	66,089	0
TOLUENE		660	0	0	660	8,234	0
Facility Total		13,112	0	0	13,112	104,709	0
IKO PRODUCTION							
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	102	15
Facility Total		0	0	0	0	102	15
INDIAN RIVER POWER PLANT							
AMMONIA		18,000	0	0	18,000	0	400,000
BARIUM COMPOUNDS		1,705	0	270,000	271,705	0	0
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
CHROMIUM COMPOUNDS		715	0	36,000	36,715	0	0
COPPER COMPOUNDS		195	120	23,000	23,315	0	0
DIOXIN AND DIOXIN-LIKE COMPOUNDS		0	0	0	0	0	0
HYDROCHLORIC ACID AEROSOLS		1,300,000	0	0	1,300,000	0	0
HYDROGEN FLUORIDE		120,000	0	0	120,000	0	13,000
LEAD COMPOUNDS		773	0	14,895	15,668	0	0
MANGANESE COMPOUNDS		945	0	45,000	45,945	0	0
MERCURY COMPOUNDS		73	0	92	165	0	0
NICKEL COMPOUNDS		545	0	27,000	27,545	0	0
POLYCYCLIC AROMATIC COMPOUNDS		1	0	0	1	0	0
SULFURIC ACID AEROSOLS		98,000	0	0	98,000	0	390,000
VANADIUM COMPOUNDS		585	0	51,000	51,585	0	0
ZINC COMPOUNDS		365	0	38,000	38,365	0	0
Facility Total		1,541,902	120	504,987	2,047,009	0	803,000
INSTEEL WIRE							
LEAD COMPOUNDS		0	0	0	0	2,286	0
Facility Total		0	0	0	0	2,286	0

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APPENDIX C

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2002 On-Site Releases by Facility And Chemical

(in pounds)

FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES			TOTAL	OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND			
INTERVET							
MERCURY COMPOUNDS		0	0	0	0	2	0
Facility Total		0	0	0	0	2	0
JOHNSON CONTROLS							
ANTIMONY COMPOUNDS		0	0	0	0	14,044	0
LEAD COMPOUNDS		202	5	0	207	4,557,629	0
Facility Total		202	5	0	207	4,571,673	0
JOHNSON POLYMER							
AMMONIA		3,399	0	0	3,399	3,810	0
BUTYL ACRYLATE		156	0	0	156	30	39
CERTAIN GLYCOL ETHERS		10	0	0	10	1,699	0
ETHYL ACRYLATE	1	0	0	0	0	0	0
METHYL METHACRYLATE		376	0	0	376	35	1,178
STYRENE		341	0	0	341	39	889
Facility Total		4,282	0	0	4,282	5,613	2,106
JUSTIN TANKS							
STYRENE		32,151	0	0	32,151	330	0
Facility Total		32,151	0	0	32,151	330	0
KANEKA							
HYDROCHLORIC ACID AEROSOLS		322	0	0	322	0	99,046
VINYL CHLORIDE		36,337	1	0	36,338	5	167,905
Facility Total		36,659	1	0	36,660	5	266,951
KRAFT FOODS							
AMMONIA		5	0	0	5	1,120	10,000
Facility Total		5	0	0	5	1,120	10,000
KUEHNE CHEMICAL							
CHLORINE		5	0	0	5	0	0
Facility Total		5	0	0	5	0	0

APPENDIX C

1. All values are in pounds

2. Source: DNREC 2002 Database 2/04

3. A "1" in the Form A column indicates Form A.
Form A does not report amounts.

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APPENDIX C

2002 On-Site Releases by Facility And Chemical

(in pounds)

FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES			TOTAL	OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND			
MACDERMID							
	METHYL ETHYL KETONE	11,367	0	0	11,367	66,804	884,005
	TOLUENE DIISOCYANATE (MIXED ISOMERS)	20	0	0	20	0	868
	Facility Total	11,387	0	0	11,387	66,804	884,872
MARBLE WORKS							
	STYRENE	2,371	0	0	2,371	0	0
	Facility Total	2,371	0	0	2,371	0	0
MCKEE RUN POWER PLANT							
	BENZO(G,H,I)PERYLENE	0	0	0	0	0	0
	POLYCYCLIC AROMATIC COMPOUNDS	0	0	0	0	0	0
	Facility Total	0	0	0	0	0	0
MEDAL							
	METHANOL	250	0	0	250	10,710	873,259
	N-HEXANE	250	0	0	250	0	756,824
	N-METHYL-2-PYRROLIDONE	250	0	0	250	35,420	0
	Facility Total	750	0	0	750	46,130	1,630,083
METAL MASTERS							
	CHROMIUM	5	0	0	5	100,777	0
	NICKEL	5	0	0	5	4,306	0
	TRICHLOROETHYLENE	10	0	0	10	0	18,720
	Facility Total	20	0	0	20	105,083	18,720
MOTIVA							
	1,2,4-TRIMETHYLBENZENE	1,920	0	0	1,920	44	370,000
	1,3-BUTADIENE	770	0	0	770	0	0
	2,4-DIMETHYLPHENOL	0	550	0	550	0	54,000
	AMMONIA	18,018	1,800	0	19,818	0	13,015,000
	ANTHRACENE	0	0	0	0	0	3
	BENZENE	4,300	6,100	0	10,400	53	227,000
	BENZO(G,H,I)PERYLENE	1	3	0	3	0	250
	CARBON DISULFIDE	33	0	0	33	0	31,000
	CARBONYL SULFIDE	350	0	0	350	0	1,077,000

APPENDIX C

1. All values are in pounds

2. Source: DNREC 2002 Database 2/04

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APPENDIX C

2002 On-Site Releases by Facility And Chemical

(in pounds)

FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES			TOTAL	OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND			
MOTIVA, CONTINUED							
CHROMIUM COMPOUNDS		351	10	37,000	37,361	750	0
COBALT COMPOUNDS		410	12	500	922	11,100	0
COPPER COMPOUNDS		2,500	68	130	2,698	64,000	0
CRESOL (MIXED ISOMERS)		0	56,000	0	56,000	4	282,000
CUMENE		141	0	0	141	0	110
CYANIDE COMPOUNDS		2,200	1,100	0	3,300	0	290,000
CYCLOHEXANE		14,200	0	0	14,200	186	3,000
DIETHANOLAMINE		1	890	0	891	34	89,000
DIOXIN AND DIOXIN-LIKE COMPOUNDS		0	0	0	0	0	0
ETHYLBENZENE		4,170	1,300	3	5,473	159	12,000
ETHYLENE		142	0	0	142	0	6,300
ETHYLENE GLYCOL		0	330	0	330	34	33,000
FORMIC ACID		0	0	0	0	0	74,000
HYDROCHLORIC ACID AEROSOLS		200,000	0	0	200,000	0	240,000
HYDROGEN CYANIDE		2,200	1,100	0	3,300	0	290,000
LEAD COMPOUNDS		600	1	29	630	78	0
MANGANESE COMPOUNDS		1,614	2,900	5,500	10,014	0	0
MERCURY COMPOUNDS		38	0	0	38	20	0
METHANOL		34,960	140	0	35,100	33	137,000
METHYL TERT-BUTYL ETHER		22,400	470	0	22,870	210	150,000
MOLYBDENUM TRIOXIDE		400	2,000	2,900	5,300	3,900	0
NAPHTHALENE		720	0	0	720	14	790
N-BUTYL ALCOHOL		570	11	0	581	0	1,100
N-HEXANE		58,810	0	0	58,810	0	8,100
NICKEL COMPOUNDS		9,401	1,400	70,000	80,801	29,500	0
NITRATE COMPOUNDS		0	580	0	580	0	620,000
PHENANTHRENE		2	0	0	2	0	3
PHENOL		52	47,000	0	47,052	0	268,000
POLYCYCLIC AROMATIC COMPOUNDS		5	1	0	7	4	140
PROPYLENE		4,600	0	0	4,600	0	520,000
SODIUM NITRITE		0	13,000	0	13,000	0	990,000
STYRENE		25	0	0	25	0	46
SULFURIC ACID AEROSOLS		510,000	0	0	510,000	0	0
TETRACHLOROETHYLENE		124	0	0	124	0	0
TOLUENE		6,200	4,800	0	11,000	690	140,000
VANADIUM COMPOUNDS		4,200	27,000	190,000	221,200	1,300	0
XYLENE (MIXED ISOMERS)		10,600	0	0	10,600	640	90,000
ZINC COMPOUNDS		2,500	420	480	3,400	55,000	0
Facility Total		919,528	168,986	306,542	1,395,057	167,753	19,018,842

1. All values are in pounds

2. Source: DNREC 2002 Database 2/04

3. A "1" in the Form A column indicates Form A.
Form A does not report amounts.

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APPENDIX C

APPENDIX C

2002 On-Site Releases by Facility And Chemical

		(in pounds)					
FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES				OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND	TOTAL		
MOUNTAIRE FARMS OF DELAWARE							
COPPER COMPOUNDS	1	0	0	0	0	0	0
MANGANESE	1	0	0	0	0	0	0
ZINC (FUME OR DUST)	1	0	0	0	0	0	0
Facility Total		0	0	0	0	0	0
MOUNTAIRE FARMS OF DLEMARVA - FEEDMILL							
COPPER COMPOUNDS	1	0	0	0	0	0	0
MANGANESE COMPOUNDS	1	0	0	0	0	0	0
ZINC COMPOUNDS	1	0	0	0	0	0	0
Facility Total		0	0	0	0	0	0
NORAMCO							
DICHLOROMETHANE		2,757	0	0	2,757	113,686	1,745,826
METHANOL		1,464	0	0	1,464	419,205	376,241
N-BUTYL ALCOHOL		1	0	0	1	20,139	0
TOLUENE		1,023	0	0	1,023	687,451	683,050
Facility Total		5,245	0	0	5,245	1,240,481	2,805,117
NRG DOVER							
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
HYDROCHLORIC ACID AEROSOLS		33,400	0	0	33,400	0	0
LEAD COMPOUNDS		11	0	0	11	896	0
MERCURY COMPOUNDS		45	0	0	45	6	0
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0
SULFURIC ACID AEROSOLS		22,500	0	0	22,500	0	22,500
Facility Total		55,956	0	0	55,956	902	22,500
NVF YORKLYN							
ZINC COMPOUNDS		0	8,013	0	8,013	11,914	4,270,402
Facility Total		0	8,013	0	8,013	11,914	4,270,402
OCCIDENTAL CHEMICAL							
CHLORINE		1,079	0	0	1,079	565	2,461,800
CHLOROFORM		223	0	0	223	10,791	0
DIOXIN AND DIOXIN-LIKE COMPOUNDS		0	0	0	0	0	0
MERCURY		1,074	21	0	1,095	1,144	3,675
Facility Total		2,376	21	0	2,397	12,500	2,465,475

APPENDIX C

1. All values are in pounds
2. Source: DNREC 2002 Database 2/04

3. A "1" in the Form A column indicates Form A.
Form A does not report amounts.

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APPENDIX C

2002 On-Site Releases by Facility And Chemical

(in pounds)

FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES			TOTAL	OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND			
ORIENT							
ANILINE		2,608	0	0	2,608	603	10,171
CHROMIUM COMPOUNDS		0	0	0	0	500	0
NITROBENZENE		214	0	0	214	361	0
Facility Total		2,822	0	0	2,822	1,464	10,171
PERDUE AGRIRECYCLE							
AMMONIA		14,000	0	0	14,000	0	0
Facility Total		14,000	0	0	14,000	0	0
PERDUE BRIDGEVILLE							
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
COPPER COMPOUNDS	1	0	0	0	0	0	0
MANGANESE COMPOUNDS	1	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0
ZINC COMPOUNDS	1	0	0	0	0	0	0
Facility Total		0	0	0	0	0	0
PERDUE GEORGETOWN							
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
NITRATE COMPOUNDS		0	550,000	160	550,160	0	0
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0
Facility Total		0	550,000	160	550,160	0	0
PINNACLE FOODS							
BENZO(G,H,I)PERYLENE		0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOUNDS		2	0	0	2	0	0
Facility Total		2	0	0	2	0	0
PLAYTEX PRODUCTS							
CHLORINE		4	0	0	4	0	3,500
NITRIC ACID		34	0	0	34	19,800	2,000
Facility Total		38	0	0	38	19,800	5,500

APPENDIX C

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2. Source: DNREC 2002 Database 2/04

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Form A does not report amounts.

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APPENDIX C

2002 On-Site Releases by Facility And Chemical

(in pounds)

FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES (in pounds)				OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND	TOTAL		
PPG DOVER							
CERTAIN GLYCOL ETHERS	1	34	0	0	34	2,320	0
DIBUTYL PHTHALATE		0	0	0	0	0	0
ETHYLENE GLYCOL		10	0	0	10	30,166	0
LEAD		0	0	0	0	0	0
ZINC COMPOUNDS		45	0	0	45	17,708	0
Facility Total		89	0	0	89	50,194	0
PPG INDUSTIRES WORKS 32							
DIISOCYANATES		0	0	0	0	750	0
Facility Total		0	0	0	0	750	0
PROCINO PLATING							
LEAD		0	0	0	0	0	0
Facility Total		0	0	0	0	0	0
RODEL							
DIISOCYANATES		2	0	0	2	920	0
METHYL ETHYL KETONE		10,877	0	0	10,877	7,954	166,947
N,N-DIMETHYLFORMAMIDE		23,213	0	0	23,213	780,111	3,068,353
PHTHALIC ANHYDRIDE		2	0	0	2	790	0
Facility Total		34,094	0	0	34,094	789,775	3,235,300
RODEL TECHNICAL CENTER							
4,4'-METHYLENEBIS(2-CHLOROANILINE)		2	0	0	2	2,881	0
N-METHYL-2-PYRROLIDONE		2,974	0	0	2,974	32,528	0
Facility Total		2,976	0	0	2,976	35,409	0
ROLLER SERVICE							
DI(2-ETHYLHEXYL) PHTHALATE	1	0	0	0	0	0	0
Facility Total		0	0	0	0	0	0
SERVICE ENERGY DOVER							
1,2,4-TRIMETHYLBENZENE	1	0	0	0	0	0	0
TOLUENE	1	0	0	0	0	0	0
Facility Total		0	0	0	0	0	0

APPENDIX C

1. All values are in pounds
2. Source: DNREC 2002 Database 2/04

3. A "1" in the Form A column indicates Form A.
Form A does not report amounts.

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APPENDIX C

2002 On-Site Releases by Facility And Chemical

(in pounds)

FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES			TOTAL	OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT
		AIR	WATER	LAND			
SERVICE ENERGY MILFORD							
1,2,4-TRIMETHYLBENZENE	1	0	0	0	0	0	0
TOLUENE	1	0	0	0	0	0	0
Facility Total		0	0	0	0	0	0
SPATZ FIBERGLASS							
STYRENE		4,474	0	0	4,474	0	0
Facility Total		4,474	0	0	4,474	0	0
SPI PHARMA							
CHLORINE	1	0	0	0	0	0	0
NITRIC ACID	1	0	0	0	0	0	0
Facility Total		0	0	0	0	0	0
SPI POLYOLS							
NICKEL COMPOUNDS		10	0	0	10	36,044	6,100
NITRATE COMPOUNDS	1	0	0	0	0	0	0
NITRIC ACID	1	0	0	0	0	0	0
POLYCYCLIC AROMATIC COMPOUNDS		0	0	0	0	0	0
Facility Total		10	0	0	10	36,044	6,100
SUNOCO							
BENZENE		1,092	0	0	1,092	0	0
ETHYLENE		52,380	0	0	52,380	0	0
ETHYLENE OXIDE		3,440	0	0	3,440	0	0
TOLUENE		137	0	0	137	0	0
XYLENE (MIXED ISOMERS)		14	0	0	14	0	0
Facility Total		57,063	0	0	57,063	0	0
SUNROC							
CHROMIUM		0	0	0	0	2,513	0
COPPER		0	0	0	0	8,525	0
Facility Total		0	0	0	0	11,038	0
TFL USA/CANADA							
DIISOCYANATES	1	0	0	0	0	0	0
Facility Total		0	0	0	0	0	0

APPENDIX C

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Form A does not report amounts.

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APPENDIX C

2002 On-Site Releases by Facility And Chemical

(in pounds)

FACILITIES ARRANGED ALPHABETICALLY	FORM A	ON SITE RELEASES			TOTAL	OFF SITE TRANSFERS	ON SITE WASTE MANAGEMENT	
		AIR	WATER	LAND				
UNIQEMA								
4,4'-ISOPROPYLIDENEDIPHENOL		1,194	0	0	1,194	1,737	0	
BIS(2-CHLOROETHYL) ETHER		255	0	0	255	2,745	0	
CERTAIN GLYCOL ETHERS		255	0	0	255	3,456	1,480	
DIETHYL SULFATE	1	0	0	0	0	0	0	
ETHYLENE OXIDE		3,690	0	0	3,690	0	0	
PHENOL		255	0	0	255	448	192	
PROPYLENE OXIDE		1,842	0	0	1,842	0	0	
Facility Total		7,491	0	0	7,491	8,386	1,672	
VP RACING FUELS								
BENZENE	1	0	0	0	0	0	0	
LEAD COMPOUNDS		4	0	0	4	0	0	
METHANOL	1	0	0	0	0	0	0	
METHYL TERT-BUTYL ETHER	1	0	0	0	0	0	0	
TOLUENE	1	0	0	0	0	0	0	
XYLENE (MIXED ISOMERS)	1	0	0	0	0	0	0	
Facility Total		4	0	0	4	0	0	
W.L. GORE OTTS CHAPEL SITE								
LEAD		0	0	0	0	439	0	
Facility Total		0	0	0	0	439	0	
State On-Site Release Totals		55	6,295,850	928,813	814,385	8,039,048	17,583,245	74,151,170

APPENDIX C

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